

Flávia Lucisano Botelho Amaral

List of Publications by Year in descending order

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89
papers

1,172
citations

586496

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511568

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docs citations

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times ranked

1247
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of solvent volatilization time on the physical and mechanical properties of universal adhesive systems and on nanoleakage of the hybrid layer. <i>International Journal of Adhesion and Adhesives</i> , 2022, 113, 103038.	1.4	2
2	Color change after tooth bleaching with ozone and 10% ozonized carbamide peroxide for in-office use. <i>Medical Gas Research</i> , 2022, 12, 100.	1.2	2
3	Polyphenol-enriched extract incorporated into a total-etch adhesive system: Effect on water sorption and solubility, extract compound release and dentin enzymatic activity over time. <i>International Journal of Adhesion and Adhesives</i> , 2022, 113, 103067.	1.4	0
4	Assessment of frictional resistance and surface roughness in orthodontic wires coated with two different nanoparticles. <i>Microscopy Research and Technique</i> , 2022, 85, 1884-1890.	1.2	6
5	The biomechanics of the bone and of metal, Zantex and PEEK bars in normal and osteoporotic condition, surrounding implants over protocols: an analysis by the Finite Element Method. <i>Research, Society and Development</i> , 2022, 11, e59111226183.	0.0	1
6	Effects of ionizing radiation and different resin composites on shear strength of ceramic brackets: an in vitro study. <i>Dental Press Journal of Orthodontics</i> , 2022, 27, .	0.2	2
7	Incorporation of chitosan into a universal adhesive system: Physicochemical characteristics, gelatinolytic activity, bond strength and interface micromorphology analyses. <i>International Journal of Adhesion and Adhesives</i> , 2021, 106, 102814.	1.4	7
8	Biomechanical behavior of atrophic maxillary restorations using the all-on-four concept and long trans-sinus implants: A finite element analysis. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2021, 15, 106-110.	0.4	4
9	Physicochemical characterization, water sorption and solubility of adhesive systems incorporated with titanium tetrafluoride, and its influence on dentin permeability. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104453.	1.5	3
10	Phenolic extract of <i>Libidibia ferrea</i> inhibits dentin endogenous enzymatic activity depending on the adhesive system strategy. <i>Microscopy Research and Technique</i> , 2021, , .	1.2	0
11	Push-out bond strength and failure mode of single adjustable and customized glass fiber posts. <i>Saudi Dental Journal</i> , 2021, 33, 917-922.	0.5	5
12	Long-term bond strength of glass fiber post to composite resin does not depend on surface treatment with silane coupling agent or universal adhesive. <i>International Journal of Adhesion and Adhesives</i> , 2021, 110, 102931.	1.4	2
13	Addition of EGCG to self-etching primer: effect on adhesive properties and bond stability to dentin. <i>Journal of Adhesion Science and Technology</i> , 2021, 35, 1895-1908.	1.4	2
14	Polyphenol-enriched extract of <i>Arrabidaea chica</i> used as a dentin pretreatment or incorporated into a total-etching adhesive system: Effects on bonding stability and physical characterization. <i>Materials Science and Engineering C</i> , 2020, 116, 111235.	3.8	5
15	Effect antioxidants application on microshear bond strength of universal adhesive to bleached enamel. <i>Brazilian Dental Science</i> , 2020, 24, .	0.1	0
16	Color stability of a bulk-fill composite resin light-cured at different distances. <i>Brazilian Oral Research</i> , 2020, 34, e119.	0.6	13
17	Titanium dioxide nanotubes incorporated into bleaching agents: physicochemical characterization and enamel color change. <i>Journal of Applied Oral Science</i> , 2020, 28, e20190771.	0.7	14
18	Incorporation of EGCG into an etch-and-rinse adhesive system: mechanical properties and bond strength to caries affected dentin. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 2430-2442.	1.4	5

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19	Influence of universal adhesive system application strategies on the long-term bond strength to dentin of CAD-CAM restorative materials. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 2696-2706.	1.4	0
20	Effect of epigallocatechin-3- gallate solutions on bond durability at the adhesive interface in caries-affected dentin. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 91, 398-405.	1.5	25
21	Lubricating conditions: effects on friction between orthodontic brackets and archwires with different cross-sections. <i>Dental Press Journal of Orthodontics</i> , 2019, 24, 66-72.	0.2	9
22	Remineralizing effect of commercial fluoride varnishes on artificial enamel lesions. <i>Brazilian Oral Research</i> , 2019, 33, e044.	0.6	16
23	Effect of sucralfate against hydrochloric acid-induced dental erosion. <i>Clinical Oral Investigations</i> , 2019, 23, 2365-2370.	1.4	4
24	Changes to Glazed Dental Ceramic Shade, Roughness, and Microhardness after Bleaching and Simulated Brushing. <i>Journal of Prosthodontics</i> , 2019, 28, e59-e67.	1.7	10
25	Incorporation of ZnCl ₂ into an etch-and-rinse adhesive system on flexural strength, degree of conversion and bond durability to caries-affected dentin. <i>American Journal of Dentistry</i> , 2019, 32, 299-305.	0.1	2
26	TiF ₄ Incorporated into a Self-etching Primer in Different Concentrations: Antimicrobial Properties and Effects on Demineralisation Inhibition Around the Restoration/Enamel-Dentin Interface. <i>Oral Health & Preventive Dentistry</i> , 2019, 17, 57-67.	0.3	3
27	Effect of silane-containing universal adhesive on push-out bond strength of glass fiber post to composite resin and to resin cement/intraradicular dentin. <i>International Journal of Adhesion and Adhesives</i> , 2018, 84, 126-131.	1.4	2
28	Saliva with reduced calcium and phosphorous concentrations: Effect on erosion dental lesions. <i>Oral Diseases</i> , 2018, 24, 957-963.	1.5	3
29	The effect of different cementing strategies and adhesive interface aging on microtensile bond strength (µTBS) of lithium disilicate ceramics to dentin. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 1822-1837.	1.4	0
30	Influence of dentin pretreatment with 2.5% titanium tetrafluoride on inhibiting caries at the tooth-restoration interface in situ. <i>Archives of Oral Biology</i> , 2018, 86, 51-57.	0.8	5
31	Effect of Fiber Post Cementation Timing on the Bond Strength of Resin Cements in Epoxy Resin Obturated Canals. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2018, 38, 711-717.	0.4	3
32	Effects of caffeic acid phenethyl ester application on dentin MMP-2, stability of bond strength and failure mode of total-etch and self-etch adhesive systems. <i>Archives of Oral Biology</i> , 2018, 94, 16-26.	0.8	4
33	Anti-erosive effect of calcium carbonate suspensions. <i>Journal of Clinical and Experimental Dentistry</i> , 2018, 10, 0-0.	0.5	6
34	Enamel Mineral Content Changes After Bleaching With High and Low Hydrogen Peroxide Concentrations: Colorimetric Spectrophotometry and Total Reflection X-ray Fluorescence Analyses. <i>Operative Dentistry</i> , 2017, 42, 308-318.	0.6	19
35	Endodontic irrigants effect on long-term intraradicular adhesion of resin cements. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 2503-2514.	1.4	2
36	Influence of chlorhexidine in cavities prepared with ultrasonic or diamond tips on microtensile bond strength. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 1133-1141.	1.4	2

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37	Effect of Steam Autoclaving on the Tensile Strength of Resin Cements Used for Bonding Two-Piece Zirconia Abutments. <i>Journal of Oral Implantology</i> , 2017, 43, 87-93.	0.4	11
38	Titanium tetrafluoride incorporated into a two-step self-etching adhesive system: physico-mechanical characterization and bonding stability. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 75, 197-205.	1.5	10
39	Resin-dentin bond stability and physical characterization of a two-step self-etching adhesive system associated with TiF ₄ . <i>Dental Materials</i> , 2017, 33, 1157-1170.	1.6	13
40	Effect of chlorhexidine application or Nd:YAG laser irradiation on long-term bond strength of a self-etching adhesive system to dentin. <i>Lasers in Dental Science</i> , 2017, 1, 41-46.	0.3	0
41	Efficacy of Home-use Bleaching Agents Delivered in Customized or Prefilled Disposable Trays: A Randomized Clinical Trial. <i>Operative Dentistry</i> , 2017, 42, 30-40.	0.6	27
42	Long-term bond strength of fiber posts cement to dentin with self-adhesive or conventional resin cements. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 977-987.	1.4	6
43	Effect of cyclic loading and resin cement type used for luting fiber posts on bond strength at different root levels of crown-restored human teeth. <i>Journal of Adhesion Science and Technology</i> , 2017, 31, 261-271.	1.4	2
44	Effect of green tea extract on bonding durability of an etch-and-rinse adhesive system to caries-affected dentin. <i>Journal of Applied Oral Science</i> , 2016, 24, 211-217.	0.7	31
45	Antimicrobial Potential of Papain Chemomechanical Agent on <i>Streptococcus Mutans</i> and <i>Lactobacillus Casei</i> Followed by the Use of Self-Etching Adhesive Systems. <i>Journal of Clinical Pediatric Dentistry</i> , 2016, 40, 62-68.	0.5	7
46	Effect of epigallocatechin gallate, green tea extract and chlorhexidine application on long-term bond strength of self-etch adhesive to dentin. <i>International Journal of Adhesion and Adhesives</i> , 2016, 71, 23-27.	1.4	12
47	Influence of glass fiber post translucency on microhardness and dentin bond strength of resin cement at different root levels. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 594-606.	1.4	1
48	Mechanical properties of flared root canals restored with fiber post and chemically activated resin: study using push-out bond strength and fracture load tests. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 1441-1452.	1.4	2
49	Rinsing with antacid suspension reduces hydrochloric acid-induced erosion. <i>Archives of Oral Biology</i> , 2016, 61, 66-70.	0.8	4
50	Inhibition of demineralization around the enamel-dentin/restoration interface after dentin pretreatment with TiF ₄ and self-etching adhesive systems. <i>Clinical Oral Investigations</i> , 2016, 20, 857-863.	1.4	11
51	TiF ₄ improves microtensile bond strength to dentin when using an adhesive system regardless of primer/bond application timing and method. <i>Clinical Oral Investigations</i> , 2016, 20, 101-108.	1.4	10
52	Influence of an arginine-containing toothpaste on bond strength of different adhesive systems to eroded dentin. <i>General Dentistry</i> , 2016, 64, 67-73.	0.4	4
53	Nanomechanical properties, SEM, and EDS microanalysis of dentin treated with 2.5% titanium tetrafluoride, before and after an erosive challenge. , 2015, 103, 783-789.		21
54	Effect of 2% chlorhexidine digluconate application and water storage on the bond strength to superficial and deep dentin. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 1258-1267.	1.4	4

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55	Micro-shear bond strength and surface micromorphology of a feldspathic ceramic treated with different cleaning methods after hydrofluoric acid etching. <i>Journal of Applied Oral Science</i> , 2014, 22, 85-90.	0.7	14
56	Role of lubricants on friction between self-ligating brackets and archwires. <i>Angle Orthodontist</i> , 2014, 84, 1049-1053.	1.1	16
57	Microtensile bond strength of silorane or methacrylate resin-based composites associated to self-etching or conventional adhesives to dentin after different storage times. <i>International Journal of Adhesion and Adhesives</i> , 2014, 48, 28-34.	1.4	7
58	Effects of 2.5% TiF4 on microtensile bond strength: Influence of application method and degree of dentin mineralization. <i>International Journal of Adhesion and Adhesives</i> , 2014, 54, 159-164.	1.4	9
59	Root canal flare: Effect on push-out strength of relined posts. <i>International Journal of Adhesion and Adhesives</i> , 2014, 55, 139-144.	1.4	3
60	Influence of Chlorhexidine and/or Ethanol Treatment on Bond Strength of an Etch-and-rinse Adhesive to Dentin: An In Vitro and In Situ Study. <i>Operative Dentistry</i> , 2014, 39, 64-71.	0.6	21
61	Degradation of orthodontic wires under simulated cariogenic and erosive conditions. <i>Brazilian Oral Research</i> , 2014, 28, 1-6.	0.6	9
62	Influence of long-term water storage and thermocycling on shear bond strength of glass-ionomer cement to Er:YAG laser-prepared dentin. <i>Journal of Adhesive Dentistry</i> , 2014, 16, 35-9.	0.3	3
63	Influence of natural and synthetic metalloproteinase inhibitors on bonding durability of an etch-and-rinse adhesive to dentin. <i>International Journal of Adhesion and Adhesives</i> , 2013, 47, 83-88.	1.4	22
64	Evaluation of bond strength of silorane and methacrylate based restorative systems to dentin using different cavity models. <i>Journal of Applied Oral Science</i> , 2013, 21, 452-459.	0.7	11
65	Influence of dentin pretreatment with titanium tetrafluoride and self-etching adhesive systems on microtensile bond strength. <i>American Journal of Dentistry</i> , 2013, 26, 121-6.	0.1	15
66	The effects of home-use and in-office bleaching treatments on calcium and phosphorus concentrations in tooth enamel. <i>Journal of the American Dental Association</i> , 2012, 143, 580-586.	0.7	33
67	Clinical Comparative Study of the Effectiveness of and Tooth Sensitivity to 10% and 20% Carbamide Peroxide Home-use and 35% and 38% Hydrogen Peroxide In-office Bleaching Materials Containing Desensitizing Agents. <i>Operative Dentistry</i> , 2012, 37, 464-473.	0.6	159
68	Color agreement between nanofluorapatite ceramic discs associated with try-in pastes and with resin cements. <i>Brazilian Oral Research</i> , 2012, 26, 516-522.	0.6	9
69	Influence of storage time on bond strength of self-etching adhesive systems to artificially demineralized dentin after a papain gel chemical-mechanical agent application. <i>International Journal of Adhesion and Adhesives</i> , 2012, 38, 31-37.	1.4	0
70	Counteractive effect of antacid suspensions on intrinsic dental erosion. <i>European Journal of Oral Sciences</i> , 2012, 120, 349-352.	0.7	16
71	Caracterização Analítica de Sucos e Açúcares de Laranja Adoçados com Sacarose e Edulcorantes. <i>Pesquisa Brasileira Em Odontopediatria E Clínica Integrada</i> , 2012, 12, 363-367.	0.7	1
72	Effects of water flow on ablation rate and morphological changes in human enamel and dentin after Er:YAG laser irradiation. <i>American Journal of Dentistry</i> , 2012, 25, 332-6.	0.1	12

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73	Effect of Home-Use and In-Office Bleaching Agents Containing Hydrogen Peroxide Associated with Amorphous Calcium Phosphate on Enamel Microhardness and Surface Roughness. <i>Journal of Esthetic and Restorative Dentistry</i> , 2011, 23, 158-168.	1.8	56
74	Morphology and microtensile bond strength of adhesive systems to in situ-formed caries-affected dentin after the use of a papain-based chemomechanical gel method. <i>American Journal of Dentistry</i> , 2011, 24, 13-9.	0.1	8
75	Surface roughness evaluation and shade changes of a nanofilled resin composite after bleaching and immersion in staining solutions. <i>American Journal of Dentistry</i> , 2011, 24, 245-9.	0.1	14
76	Bond durability in erbium:yttrium-aluminum-garnet laser-irradiated enamel. <i>Lasers in Medical Science</i> , 2010, 25, 155-163.	1.0	17
77	Effect of Different Bonding Strategies on Adhesion to Deep and Superficial Permanent Dentin. <i>European Journal of Dentistry</i> , 2010, 04, 110-117.	0.8	33
78	Microtensile bond strength of etch-and-rinse and self-etch adhesive systems to demineralized dentin after the use of a papain-based chemomechanical method. <i>American Journal of Dentistry</i> , 2010, 23, 23-8.	0.1	11
79	Water flow on erbium:yttrium-aluminum-garnet laser irradiation: effects on dental tissues. <i>Lasers in Medical Science</i> , 2009, 24, 811-818.	1.0	51
80	Influence of NaHCO ₃ Powder on Translucency of Microfilled Composite Resin Immersed in Different Mouthrinses. <i>Journal of Esthetic and Restorative Dentistry</i> , 2009, 21, 242-248.	1.8	23
81	Adhesion to Er:YAG Laser-prepared Dentin After Long-term Water Storage and Thermocycling. <i>Operative Dentistry</i> , 2008, 33, 51-58.	0.6	33
82	Influence of water flow rate on shear bond strength of resin composite to Er:YAG cavity preparation. <i>American Journal of Dentistry</i> , 2008, 21, 124-8.	0.1	10
83	Assessment of In Vitro Methods Used to Promote Adhesive Interface Degradation: A Critical Review. <i>Journal of Esthetic and Restorative Dentistry</i> , 2007, 19, 340-353.	1.8	166
84	Shear Bond Strength of Resin-modified Glass Ionomer Cements to Er:YAG Laser-treated Tooth Structure. <i>Operative Dentistry</i> , 2006, 31, 212-218.	0.6	24
85	Effect of different concentrations of green tea extract solutions on bonding durability of etch-and-rinse adhesive system to caries affected dentin. <i>Brazilian Journal of Oral Sciences</i> , 0, 20, e210328.	0.1	1
86	The effect of heat treatment on sliding mechanics of stainless steel orthodontic wires. <i>Brazilian Journal of Oral Sciences</i> , 0, 18, e190285.	0.1	0
87	Do metal alloy primers increase the bond strength of orthodontic tubes?. <i>Brazilian Journal of Oral Sciences</i> , 0, 18, e191406.	0.1	0
88	Antimicrobial Effect of Arrabidaea chica Polyphenolic Extract Used as Dentin Pre-treatment against Cariogenic Microbiota. <i>European Journal of Medicinal Plants</i> , 0, , 23-29.	0.5	1
89	Influence of restorative materials on occlusal and internal adaptation of CAD-CAM inlays. <i>Brazilian Journal of Oral Sciences</i> , 0, 21, e228852.	0.1	0